

Iowa Crops & Weather



Iowa Agricultural Statistics
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Spring Is Here Fieldwork Commences

Agricultural Summary: Warmer temperatures have triggered the onset of spring fieldwork for Iowa farmers. While some areas remain too wet for field activities, other farmers have begun applying fertilizer to hay and pasture ground, re-seeding pastures, planting oats, spreading manure, and applying nitrogen. There were multiple reports of tiles running throughout the state.

There were 2.7 **days suitable for fieldwork**, compared to 3.7 days last year at this time. **Topsoil moisture** rated 2 percent very short, 8 percent short, 78 percent adequate, and 12 percent surplus across Iowa. **Subsoil moisture** rated 6 percent very short, 25 percent short, 63 percent adequate, and 6 percent surplus. Compared to drier conditions last fall and last year at this time, soil moisture ratings were more favorable last week in Iowa.

Field Crops Report: **Oat seedings** were 14 percent complete, behind both last year's progress of 26 percent and the five-year average of 28 percent. No significant **corn planting** has occurred in Iowa. **Primary seedbed preparations** were 32 percent complete, while **fertilizer applications** were 49 percent complete.

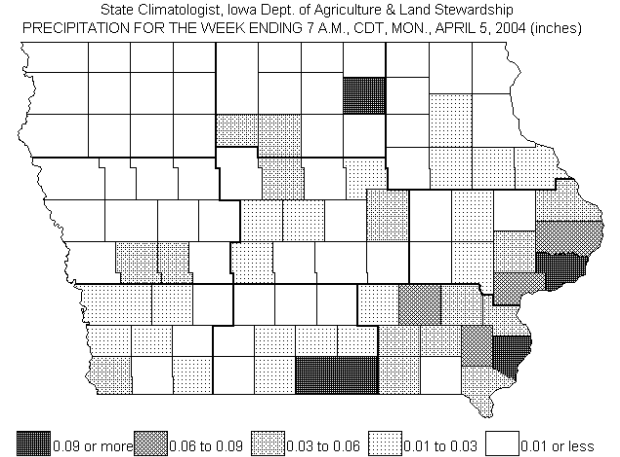
Livestock, Pasture, and Range Report: Calving was well under way with few losses, and lambing was nearly complete. Favorable weather conditions during calving made for a smooth calving season. Scattered reports of scours in calves were cited. **Pasture and range** condition rated 5 percent very poor,

15 percent poor, 41 percent fair, 35 percent good, and 4 percent excellent. Recent rains and warmer temperatures have aided pasture regrowth.

Iowa Weather Summary

It was a very a quiet week for weather across Iowa. Seasonal temperatures prevailed with overnight lows in the 20's and 30's and daytime highs mostly in the 50's. Temperature extremes varied from morning lows of 21 degrees at Mason City on Wednesday (31st), Guthrie Center and Marshalltown on Thursday (1st) and Cresco on Sunday (4th), to an afternoon high of 66 degrees at Red Oak on Friday (2nd). Temperatures for the week as a whole averaged from 1.0 degree above normal at Dubuque to 2.6 degrees below normal at Ottumwa with a statewide average of 0.2 degree below normal. Light showers, with a few isolated thunderstorms, were scattered across the state on Monday (29th) afternoon and evening with a maximum rainfall 0.18 inch reported from near Promise City in Wayne County. Light showers, with a few snow flurries, were reported across eastern Iowa on Tuesday (30th) into Wednesday (31st) morning with a maximum of 0.14 inch of rain reported from Davenport. No precipitation fell for the remainder of the week. Weekly precipitation totals varied from none at many locations over the western two-thirds of the state to the previously mentioned 0.18 inch near Promise City. The statewide average precipitation was only 0.02 inch while normal for the week is 0.67 inch. Finally, four inch soil temperatures as of Sunday (4th) were averaging in the mid to upper 40's.

Statewide Crop Conditions as of April 4, 2004					
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	5	15	41	35	4



Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Fertilizer application completed (including fall work)	42	61	40	50	53	48	54	51	35	49	NA	55	49
Seedbed, primary preparation completed (including fall work)	34	20	45	30	38	28	39	16	32	32	NA	35	44
Oats planted	12	20	5	18	28	11	24	21	9	14	NA	26	28

NA = Not available.

Days Suitable & Soil Moisture Condition as of April 4, 2004												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
Days suitable	2.7	2.9	2.3	3.3	2.8	2.6	2.0	3.5	1.4	2.7	NA	3.7
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Topsoil moisture												
Very short	6	6	2	0	1	0	0	1	0	2	NA	14
Short	14	19	6	9	10	1	2	4	4	8	NA	31
Adequate	74	73	74	86	83	80	83	78	71	78	NA	52
Surplus	6	2	18	5	6	19	15	17	25	12	NA	3
Subsoil moisture												
Very short	10	23	7	1	1	0	0	5	4	6	NA	19
Short	38	29	19	28	27	14	18	23	23	25	NA	37
Adequate	47	45	69	67	69	77	76	66	60	63	NA	43
Surplus	5	3	5	4	3	9	6	6	13	6	NA	1

NA = Not available.

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, April 4, 2004										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	63	22	40	2	0.03	-0.54	0.00	-0.33	0	0
	63	24	43	1	0.00	-0.53	0.00	-0.31	0	-10
	65	22	41	1	0.11	-0.45	0.00	-0.32	0	-7
	62	24	42	5	0.00	-0.51	0.00	-0.30	0	-10
Britt Humboldt Mason City Northwood	North Central District									
	60	24	40	-2	0.02	-0.57	0.00	-0.35	0	-7
	61	25	40	-3	0.03	-0.60	0.00	-0.36	0	-7
	62	21	40	0	0.00	-0.59	0.00	-0.35	0	-7
	59	24	38	-1	0.00	-0.62	0.00	-0.36	0	0
Decorah Dubuque Elkader Independence Waterloo	North East District									
	60	22	41	0	0.00	-0.67	0.00	-0.40	0	-7
	61	28	43	2	0.18	-0.62	0.00	-0.47	0	-7
	61	26	42	0	0.20	-0.44	0.00	-0.37	0	-14
	61	25	42	1	0.08	-0.58	0.00	-0.39	0	-16
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	63	24	42	-1	0.05	-0.62	0.00	-0.40	0	-7
	West Central District									
	62	22	40	-5	0.10	-0.56	0.00	-0.39	0	-14
	63	23	42	-1	0.05	-0.62	0.00	-0.40	0	-7
	62	27	43	-2	0.03	-0.53	0.00	-0.32	0	-7
Des Moines Eldora Marshalltown Newton Perry Toledo	62	21	40	-5	0.00	-0.70	0.00	-0.40	0	-14
	65	24	43	-3	0.20	-0.43	0.00	-0.36	0	-7
	65	25	43	1	0.02	-0.65	0.00	-0.40	0	-7
	65	24	43	-2	0.10	-0.46	0.00	-0.32	0	-14
	64	24	42	-2	0.05	-0.51	0.00	-0.32	0	-12
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	65	24	43	-2	0.02	-0.47	0.00	-0.28	1	-13
	Central District									
	64	27	43	2	0.04	-0.62	0.00	-0.39	1	-6
	65	24	42	-2	0.02	-0.66	0.00	-0.40	0	-8
	64	27	44	-2	0.01	-0.70	0.00	-0.41	1	-13
Clarinda Glenwood Oakland Red Oak Sidney	63	28	43	2	0.00	-0.62	0.00	-0.36	0	-7
	63	21	41	-3	0.02	-0.66	0.00	-0.40	0	-7
	63	26	42	-3	0.00	-0.65	0.00	-0.38	0	-14
	64	25	42	-1	0.02	-0.60	0.00	-0.36	0	-7
	62	26	41	-2	0.18	-0.47	0.00	-0.38	0	-7
Allerton Beaconsfield Chariton Indianola Leon	East Central District									
	61	26	43	-1	0.10	-0.58	0.00	-0.40	0	-7
	64	26	44	0	0.43	-0.26	0.00	-0.40	1	-9
	63	28	45	-2	0.16	-0.59	0.01	-0.43	0	-14
	64	24	43	-1	0.16	-0.61	0.00	-0.45	0	-8
Bloomfield Burlington Ottumwa	61	26	43	1	0.16	-0.52	0.00	-0.40	0	-7
	62	33	45	-2	0.25	-0.52	0.00	-0.44	2	-5
	South West District									
	64	24	42	-3	0.04	-0.66	0.00	-0.40	0	-8
	64	25	44	-2	0.15	-0.41	0.00	-0.32	0	-14
Bloomfield Burlington Ottumwa	64	24	42	-2	0.13	-0.50	0.00	-0.36	0	-7
	66	26	44	-4	0.13	-0.56	0.00	-0.40	0	-15
	64	26	45	-2	0.10	-0.54	0.00	-0.37	0	-14
	South Central District									
	60	26	43	-3	0.08	-0.61	0.00	-0.40	0	-2
Bloomfield Burlington Ottumwa	61	26	42	-2	0.00	-0.68	0.00	-0.40	0	-12
	63	22	41	-4	0.02	-0.71	0.00	-0.43	0	-14
	64	25	43	-2	0.00	-0.72	0.00	-0.42	0	-14
	64	25	44	-2	0.01	-0.69	0.00	-0.40	0	-13
	South East District									
	62	31	44	-4	0.19	-0.55	0.00	-0.44	0	-18
	62	28	45	-2	0.44	-0.33	0.00	-0.44	0	-14
	63	27	43	-3	0.18	-0.50	0.00	-0.40	0	-14
Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2004: AWIS, Inc. All Rights Reserved.										